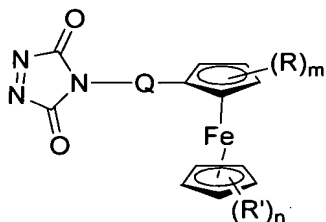


**ABSTRACT**

The present invention provides a novel ferrocene compound; a reagent containing the compound; a high-sensitivity method of measuring a vitamin D compound using the reagent; etc. Specifically, a ferrocene compound represented by the following formula (1):



is reacted with a vitamin D compound and the combined compound of these compounds is subjected to LC/ESI-MS/MS. Thus, the VD compound can be measured with higher sensitivity than in conventional techniques. The ferrocene compound of the present invention is extremely useful as a derivatization agent when a VD compound is measured by LC/ESI-MS/MS. The obtained compound wherein the ferrocene compound and the VD compound have been combined with each other, is useful as, e.g., a labeled compound, when the VD compound is measured by LC/ESI-MS/MS.